

**Cost-effective LCD projector  
captures attention in classrooms or  
conference rooms with dynamic images  
and 3,000 ANSI lumens.**



## Key Features

- WXGA 1280 x 800 resolution
- 3,000 ANSI lumens white/color output
- 16W audio output
- 2000:1 contrast ratio
- HDMI 1 input
- 10,000 hours lamp life (Eco-2 mode)\*
- 5,000 hours unwoven filter\*\*

From the classroom to the conference room, Hitachi's cost-effective CP-EW301N LCD projector combines superior image clarity, high quality value, and long-life reliability. Bright, vivid colors with razor-sharp text and bold graphics will truly enhance any lesson or meeting and make it more memorable. For added security, the CP-EW301N includes PIN lock protection which can limit projector users. MS-1 wired and MS-1WL wireless multifunction switchers are available as accessories for the CP-EW301N and operate in conjunction with the receiver to provide expanded source selection and switching options for connected devices. Plus, Hitachi's Intelligent Eco Mode with ImageCare combines optimal picture performance with maximum energy savings for a lower total cost of ownership. For added peace of mind, Hitachi's CP-EW301N is also backed by a generous warranty and our world-class service and support programs.

# CP-EW301N

## FEATURES

### ImageCare Technology

**ImageCare** ImageCare is a lamp power control function that combines optimal picture performance with maximum energy savings by decreasing energy usage, improving contrast ratio and lengthening lamp life. The result is a lower total cost of ownership and decreased maintenance cost.

### Intelligent Eco and Saver Modes



Automatically changes the brightness of the lamp according to the brightness level of the screen. Also, automatically changes the brightness of the lamp if there is no change in the screen image. Using ImageCare technology, these features give optimal picture performance with maximum energy savings.

### Wired and Wireless Switcher Solutions



Multifunctional switcher operates in conjunction with the receiver to provide expanded source selection and switching options for connected devices. The switcher is sold as an optional accessory that can provide 1080p 30 fps wireless via WHDI for both video and audio.

### PIN Lock / MyScreen / MyText



PIN lock protection can limit projector users. MyScreen PIN lock keeps captured images on the startup screen. Users can set any name logo to MyScreen, clearly identifying ownership. MyText provides the ability to write text on the startup screen such as model name, serial number or location.

### Network Control, Maintenance and Security



Embedded networking gives you the ability to manage and control multiple projectors over your LAN. Features include scheduling of events, centralized reporting, and e-mail alerts for reactive and routine maintenance.



3LCD Technology



Closed Captioning



Crestron  
Integrated Partner



AMX Device  
Discovery



Hitachi Trade-Up  
Program



3 Year Warranty

**HDMI** HDMI



Front View



Top View

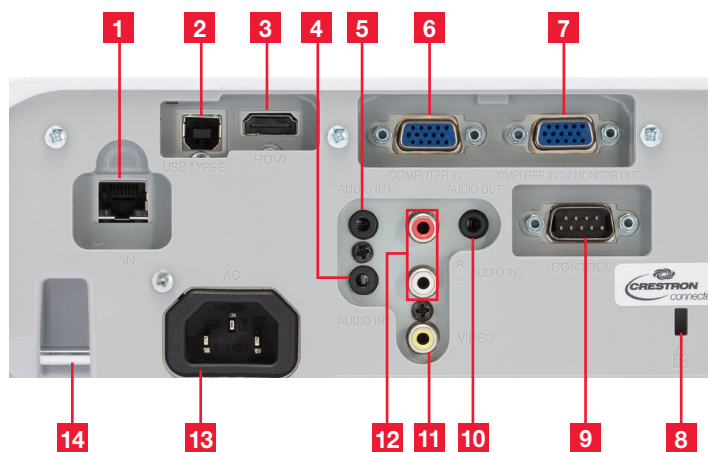


Left Profile



Right Profile

## Input/Outputs



1. LAN
2. USB Type B
3. HDMI
4. Audio in 2
5. Audio in 1

6. Computer in 1
7. Computer in 2/Monitor Out
8. Kensington Lock
9. Control (RS-232C)
10. Audio Out

11. Video
12. Audio in 3
13. AC
14. Security Bar

# CP-EW301N

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Accessories and Lenses	
<b>Supplied Accessories</b>	Remote control, power cord, computer cable, 2 AA batteries, user's manual CD, user's manual
<b>Optional Accessories</b>	N/A
<b>Optional Lenses</b>	NA
Replacement Parts	
<b>Lamp</b>	DT01481 with filter
<b>Remote Control</b>	HL03031
<b>Filter</b>	UX38841

**Projection Throw Chart**

Screen Size 16:10		Throw Distance	
Diagonal	Width	Min	Max
30	25	36	44
60	51	74	89
80	68	99	120
100	85	125	150
200	170	251	302
300	254	378	454

Throw Ratio: 1.5 - 1.8 : 1 (distance : width)  
Screen size and throw distance are measured in inches.

Specifications		
Display	<b>Projection Technology</b>	3LCD, 3 chip technology
	<b>Resolution</b>	WXGA - 1280 x 800
	<b>White Light Output</b>	3,000 ANSI lumens
	<b>Color Light Output</b>	3,000 ANSI lumens
	<b>Colors</b>	16.7 million colors
	<b>Aspect Ratio</b>	Native 16:10 and 4:3 / 16:9 compatible
	<b>Contrast Ratio</b>	2000 : 1 (using active IRIS)
	<b>Throw Ratio</b> (distance : width)	1.5 - 1.8 : 1
Lens & Operation	<b>Focus Distance</b>	35" - 453"
	<b>Display size</b>	30" - 300"
	<b>Lens</b>	F = 2.1 - 2.3, f = 19 - 23 mm, x 1.2 manual zoom
	<b>Lamp Wattage</b>	225W
	<b>Expected Lamp Life*</b>	Approximately 5,000 hours (standard mode) 10,000 hours (Eco-2 mode)
Compatibility	<b>Expected Filter Life**</b>	Approximately 5,000 hours
	<b>Speaker Output</b>	16W
	<b>Keystone</b>	+/- 30° vertical only
	<b>Computer</b>	VGA, SVGA, XGA, WXGA WXGA+/SXGA/SXGA+/UXGA (compressed) MAC 16"
	<b>H-Sync</b>	15 kHz - 106 kHz
Connectors	<b>V-Sync</b>	50 Hz - 120 Hz
	<b>Composite Video</b>	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	<b>Component Video</b>	480i, 480p, 576i, 720p, 1080i, 1080p
	<b>HDMI</b>	480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS clock 27 MHz - 150 MHz
	<b>Digital Input</b>	HDMI x 1 (HDCP compliant)
	<b>Computer Input 1</b>	15-pin mini D-sub x 1
	<b>Computer Input 2</b>	15-pin mini D-sub x 1 (shared with Monitor out)
	<b>Computer Monitor Output</b>	15-pin mini D-sub x 1 (shared with Computer in 2)
	<b>Video Input</b>	
	S-Video	N/A
Ratings & Warranty	<b>Composite Video</b>	RCA jack x 1
	<b>Component Video</b>	15-pin mini D-sub x 2 (shared with computer in 1, in 2 Monitor out)
	<b>Audio Input</b>	3.5mm stereo mini jack x 2, RCA jack (L/R) x 1
	<b>Audio Output</b>	3.5mm stereo mini jack x 1
	<b>Network LAN Wired</b>	RJ-45 port
	<b>Network LAN Wireless</b>	N/A
	<b>USB</b>	Type B x 1 (mouse control)
Ratings & Warranty	<b>Control Terminals</b>	9-pin D-sub x 1 (RS-232 control)
	<b>Power Supply</b>	AC100-120V / AC220-240V, 50/60Hz
	<b>Power Consumption</b>	330W
	<b>Operating Temperature</b>	41°F - 95°F (5°C - 35°C)
	<b>Dimensions (W x D x H)</b>	12.6" x 9.7" x 3.4" (excluding protruding parts)
	<b>Weight</b>	Approximately 6.8 lbs.
	<b>Approvals</b>	UL 60950-1 / cUL FCC Part 15 subpart B class B
Ratings & Warranty	<b>Warranty</b>	3 year limited parts and labor Extended Service Contract available (additional cost)

\* Actual lamp life will vary by individual lamp based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.

\*\* Actual filter life will vary by individual filter based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.

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